GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:53
ANSWERED ON:23.07.2015
Capacity of Transmission Lines
Reddy Shri Ch. Malla

Will the Minister of POWER be pleased to state:

(a) the present capacity of power transmission lines in the country;

(b) whether the transmission lines are being run on its full capacity;

(c) if so, the details thereof and if not, the reasons therefor;

(d) whether the power surplus States are unable to supply/divert their surplus power to power deficit States on account of constraints in inter-regional transmission; and

(e) if so, the details thereof and the steps being taken by the Government to address the issue?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL AND NEW & RENEWABLE ENERGY

(SHRI PIYUSH GOYAL)

(a) to (e) : A Statement is laid on the Table of the House.

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STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 53 TO BE ANSWERED IN THE LOK SABHA ON 23.07.2015 REGARDING CAPACITY OF TRANSMISSION LINES.
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(a) : As on 30th June, 2015, there was 3,18,422 circuit kilometers of transmission lines and 6,14,875 MVA of transformation capacity of Substations for 220 kV and above voltage levels in the country.
(b) & (c) : The transmission lines are operated in accordance with the Regulations and standards of Central Electricity Authority (CEA) / Central Electricity Regulatory Commission (CERC) / State Electricity Regulatory Commissions. However, in certain cases, the loading on transmission lines may have to be restricted keeping in view the voltage stability, angular stability, loop flows, load flow patterns and grid security.

(d) & (e) : Power surplus States have been able to supply their surplus power to power deficit State Utilities across the country except for some congestion in supply of power to Southern Region and Northern Region.

A number of inter regional links have been planned which interconnect the five regional grids i.e. Northern, Western, Southern, Eastern and North Eastern. The total transmission capacity of such inter-regional links as on June, 2015 is 47,450 MW, which is planned to be increased to 68,050 MW by the end of 12th Plan.

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